Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		<pre>@pd&lt;"20030820" and ("text editor" or "word processor") and fuzzy and (add\$ with rule)</pre>	US-PGPUB; USPAT	OR	No.	2008/01/18 09:31
		"20050044451" and output	US-PGPUB; USPAT	OR	OFF	2008/01/16 11:54
		"20050044451" and output	US-PGPUB; USPAT	OR	OFF	2008/01/16 11:54
		<pre>@pd&lt;"20030820" and ((add\$ with fuzzy) with rules)</pre>	US-PGPUB; USPAT	OR	N <sub>O</sub>	2008/01/18 09:29
		@pd<"20030820" and (add\$ with fuzzy) with rules)	US-PGPUB; USPAT	OR	NO	2006/12/05 12:50
		S68 and test\$	US-PGPUB; USPAT	OR.	N <sub>O</sub>	2008/01/22 09:00
<u> </u>	43	@pd<"20030820" and (fuzzy with (logic or rule)) and (disk with failure)	US-PGPUB; USPAT	OR I	N.	2008/01/22 09:16
ב	Ħ	11 and "706".clas.	US-PGPUB; USPAT	S.	N O	2008/01/22 09:01
១	. 27	@pd<"20030820" and ((fuzzy with (logic or rule)) with disk)	US-PGPUB; USPAT	S S	NO	2008/01/22 09:17
47	377	706/52.ccls. and @pd<"20030820"	US-PGPUB; USPAT	g	NO NO	2008/01/22 09:17
57	96	706/4.ccls. and @pd<"20030820"	US-PGPUB; USPAT	R	NO	2008/01/22 09:17
97	124	706/59.ccls. and @pd<"20030820"	US-PGPUB; USPAT	& S	NO	2008/01/22 09:17
7	284	706/47.ccls. and @pd<"20030820"	US-PGPUB; USPAT	8	NO	2008/01/22 09:17
81	443	14 or 15	US-PGPUB; USPAT	R	NO .	2008/01/22 09:18
6기	∞	l8 and (disk with failure)	US-PGPUB; USPAT	OR	NO	2008/01/22 09:18

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# **EAST Search History**

L10	8	I8 and (disk same failure)	US-PGPUB;	S.	NO	2008/01/22 09:18
Ξ	0	I8 and (storage with failure)	US-PGPUB; USPAT	OR	NO O	2008/01/22 09:19
. 717	52	I8 and (storage and failure)	US-PGPUB; USPAT	OR	NO	2008/01/22 09:19
[13	270	112 or 15 or 16	US-PGPUB; USPAT	OR	N O	2008/01/22 09:19
S1		"20050044451"	US-PGPUB; USPAT	OR	HO.	2008/01/17 09:16
S2	221	@pd<"20030820" and "failure prediction"	US-PGPUB; USPAT	OR	OFF	2007/05/30 14:40
S3	128	@pd<"20030820" and "failure prediction" and software	US-PGPUB; USPAT	OR	OFF	2006/12/04 11:04
22	19	@pd<"20030820" and ("failure prediction" same software)	US-PGPUB; USPAT	OR	OFF	2006/12/04 11:04
SS	∞	@pd<"20030820" and ("failure prediction" with software)	US-PGPUB; USPAT	OR	OFF	2006/12/04 11:05
98	0	@pd<"20030820" and ("failure prediction" with software) and fuzzy	US-PGPUB; USPAT	OR.	OFF	2006/12/04 11:05
S7		@pd<"20030820" and ("failure prediction" same software) and fuzzy	US-PGPUB; USPAT	SO.	OFF	2006/12/04 11:05
88	0	"20050044451" and genetic	US-PGPUB; USPAT	OR.	OFF	2006/12/04 11:27
S	0	"20050044451" and neural	US-PGPUB; USPAT	OR.	OFF	2006/12/04 13:46
S10	<b></b>	"20050044451" and (human with readable)	US-PGPUB; USPAT	S.	OFF	2006/12/04 12:50
S11		"20050044451" and "variable definition"	US-PGPUB; USPAT	NO.	OFF	2006/12/04 12:50
S12	0	@pd<"20030820" and (failure with prediction) and (linguistic with variable)	US-PGPUB; USPAT	80	NO	2006/12/04 12:59

# **EAST Search History**

S13	285	@pd<"20030820" and (linguistic with variable)	US-PGPUB; USPAT	S S	NO	2006/12/04 13:00
S14	П	@pd<"20030820" and ((linguistic with variable) same (three with term))	US-PGPUB; USPAT	OR	NO	2007/06/05 12:28
S15	3	<pre>@pd&lt;"20030820" and ((linguistic with variable) same (subject and adjective verb))</pre>	US-PGPUB; USPAT	OR.	NO	2008/01/17 12:05
S16	5029	@pd<"20030820" and raid	US-PGPUB; USPAT	OR	NO	2006/12/04 13:06
S17	94	@pd<"20030820" and raid and (predict\$ with failure)	US-PGPUB; USPAT	OR	NO	2006/12/04 13:13
S18	0	@pd<"20030820" and raid and (predict\$ with failure) and (text with editor)	US-PGPUB; USPAT	OR	NO	2007/05/31 10:03
S19	10	@pd<"20030820" and raid and (predict\$ with failure) and fuzzy	US-PGPUB; USPAT	8	NO	2006/12/04 13:22
220	118	@pd<"20030820" and ((predictive with failure) same (failure with analysis))	US-PGPUB; USPAT	SO.	N O	2006/12/04 13:23
S21	115	@pd<"20030820" and ((predictive with failure) with analysis)	US-PGPUB; USPAT	S.	NO	2006/12/04 13:23
522.	2	@pd<"20030820" and ((predictive with failure) with analysis) and fuzzy	US-PGPUB; USPAT	OR P	NO	2006/12/04 13:57
S23	0	"6314377".pn. and procesor	US-PGPUB; USPAT	N N	NO	2006/12/04 13:39
S24	0	"6314377".pn. and processor	US-PGPUB; USPAT	S S	NO O	2006/12/04 13:39
S25	н	"6314377".pn. and computer	US-PGPUB; USPAT	S S	NO	2006/12/04 13:49
S26	Ħ	"20050044451" and "code generator"	US-PGPUB; USPAT	S S	OFF	2006/12/04 14:36
S27	0	"6314377".pn. and test\$	US-PGPUB; USPAT	8 S	NO	2006/12/04 13:49
828	0	"6314377".pn. and test	US-PGPUB; USPAT	S S	NO	2006/12/04 13:49

49	:51	:51	:52	:52	:54	:35	:54	:38	:54	:12	:35	:36	:36	:36	9.
2006/12/04 13:49	2006/12/04 13:51	2006/12/04 13:51	2006/12/04 13:52	2006/12/04 13:52	2006/12/04 13:54	2006/12/04 14:35	2006/12/04 13:54	2006/12/04 14:38	2006/12/04 14:54	2006/12/04 15:12	2006/12/04 14:35	2006/12/04 14:36	2006/12/04 14:36	2006/12/04 14:36	2006/12/04 15:04
20	76		- 50	- 50		- 5	~	- 5	- 5	- 5	- 5		~	~~	7
N O	NO	NO	N O	N O	N O	N O	N O	NO .	N O	N O	S	N O	S O	S	OFF
										-					
g	g	g	R	g	8	R	g	g	g R	8	A R	g	g	g	R
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB;
"6314377".pn. and testing	"6314377".pn. and train\$	"6314377".pn. and modify\$	"6314377".pn. and adapter	"6314377".pn. and code	"6314377".pn. and algorithm\$	"6314377".pn. and generate\$	"6314377".pn. and formula	@pd<"20030820" and disk.ab. and storage.ab. and failure.ab.	@pd<"20030820" and disk.ab. and (storage.ab. with failure.ab.)	"6314377".pn. and data	"6314377".pn. and (data and gather)	"6314377".pn. and (data and input)	"6314377".pn. and (data with input)	"6314377".pn. and (data same input)	"20050044451" and "performance monitor"
0	0	0	<b>-</b>	<b>+</b>	0	Т	0	148	75	<b>T</b>	0	<b>H</b>		<b>-</b>	
S29	230	531	232	533	534	535	236	537	238	839	S40	S41	S42	S43	S44

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# **EAST Search History**

_	-															
	2006/12/04 14:39	2006/12/04 14:40	2006/12/04 14:40	2006/12/04 14:54	2006/12/04 15:13	2006/12/04 15:04	2006/12/04 15:12	2006/12/04 15:12	2006/12/04 15:12	2006/12/04 15:12	2006/12/04 15:16	2006/12/04 15:37	2006/12/04 15:19	2006/12/04 15:37	2006/12/04 15:38	2006/12/04 15:38
	N O	NO	NO	NO	NO	OFF	NO	NO	N O	NO	NO	NO.	NO NO	NO .	N O	N O
	S.	OR	OR	OR	OR	OR .	No.	OR	S R	OR.	S S	S S	S S	8	S S	S
	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
	@pd<"20030820" and disk.ab. and storage.ab. and failure.ab. and "code generator"	@pd<"20030820" and (failure with algorithm) and "code generator"	@pd<"20030820" and ((failure with algorithm) with (storage or memory or disk)) and "code generator"	@pd<"20030820" and (failure with prediction)	@pd<"20030820" and (failure with prediction) and "code generator"	"20050044451" and failure	"6314377".pn. and test	"6314377".pn. and test\$	"6314377".pn. and train\$	"6314377".pn. and Learn\$	@pd<"20030820" and (failure with (prediction or identify)) and "code generator" and (storage or disk or memory)	@pd<"20030820" and (failure with (prediction or identify)) and "code generator" and (storage or disk)	©pd<"20030820" and (failure with (prediction or identify)) and "code generator" and ((storage or disk) with failure)	<pre>@pd&lt;"20030820" and "code generator" and "linguistic variables" and (text with editor)</pre>	@pd<"20030820" and "code generator" and "linguistic variables"	@pd<"20030820" and "code generator"
	<b></b>	21	0	803	∞	<b>.</b> .	0	0	0	0	44	39	<b>L</b> O		0	7533
	S45	S46	S47	S48	S49	S50	S51	252	553	S54	<b>S</b> 56	S57	258	S59	260	<b>S61</b>

# **EAST Search History**

295	159	@pd<"20030820" and "linguistic variables"	US-PGPUB; USPAT	OR	NO	2006/12/04 15:38
S63	0	S61 and S62	US-PGPUB; USPAT	OR	NO	2006/12/04 15:38
S64	m	<pre>@pd&lt;"20030820" and "code generator" and (noun same (adjective same verb))</pre>	US-PGPUB; USPAT	OR.	NO	2006/12/04 16:04
<b>S</b> 65	194	@pd<"20030820" and (edit with ("text editor"))	US-PGPUB; USPAT	OR	NO	2006/12/04 16:05
995	26	<pre>@pd&lt;"20030820" and (edit with ("text editor")) and ((gather or collect) with (information or data))</pre>	US-PGPUB; USPAT	OR	. NO	2006/12/04 16:46
267	<b>H</b> .	<pre>@pd&lt;"20030820" and (edit with ("text editor")) and ((gather or collect) with (information or data)) and (edit\$ with algorithm)</pre>	US-PGPUB; USPAT	OR	NO	2006/12/04 16:38
898	4	"6446081".pn. or "4907230".pn. or "5471313".pn. or "6314377".pn.	US-PGPUB; USPAT	OR.	NO O	2006/12/04 16:38
698	e e	S68 and (test or testing)	US-PGPUB; USPAT	OR	N O	2006/12/04 16:39
S70	0	<pre>@pd&lt;"20030820" and (predefined with recommendation) and ((disk or array) with failure)</pre>	US-PGPUB; USPAT	OR	NO	2006/12/04 16:52
571	m	@pd<"20030820" and (predefined with recommendation) and ((disk or array or storage) with failure)	US-PGPUB; USPAT	% S	NO	2006/12/04 16:48
S72	S	<pre>@pd&lt;"20030820" and ((predefined with recommendation) same (disk or array or storage) )</pre>	US-PGPUB; USPAT	OR	NO	2006/12/05 10:48
S73	10	<pre>@pd&lt;"20030820" and (predefined with solutions) and ((disk or array) with failure)</pre>	US-PGPUB; USPAT	S.	NO	2006/12/04 16:52
S74	0	@pd<"20030820" and failure.ab. and prediction.ab. and (predefined with recommendation)	US-PGPUB; USPAT	& S	NO	2006/12/05 10:49
S75	0	@pd<"20030820" and failure.ab. and prediction.ab. and (list with recommendation)	US-PGPUB; USPAT	S .	NO	2006/12/05 10:49
925		<pre>@pd&lt;"20030820" and failure.ab. and prediction.ab. and (list\$ with recommendation)</pre>	US-PGPUB; USPAT	8	NO _	2006/12/05 10:49
222	4	@pd<"20030820" and failure.ab. and prediction.ab. and recommendation	US-PGPUB; USPAT	OR	NO	2006/12/05 11:08

# **EAST Search History**

2006/12/05 11:00	2006/12/05 11:00	2006/12/05 11:01	2006/12/05 11:07	2006/12/05 11:07	2006/12/05 11:09	2006/12/05 11:10	2006/12/06 13:05	2006/12/05 11:12	2006/12/05 11:28	2006/12/05 11:37	2006/12/05 11:37	2006/12/05 11:37	2006/12/05 11:42	2006/12/05 12:28	2006/12/05 12:42
NO	S	NO	NO	NO .	NO NO	NO	NO	N O	OFF	OFF	OFF	OFF.	OFF	OFF	OFF
æ	SO.	OR	OR	OR	OR	OR .	o R	OR	OR	OR	. <b>8</b>	S.	OR	OR	OR
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
@pd<"20030820" and failure.ab. and prediction.ab. and (predefined with recommen\$)	@pd<"20030820" and failure.ab. and prediction.ab. and (predefin\$ with recommen\$)	@pd<"20030820" and prediction.ab. and (predefin\$ with recommen\$)	"6553369".pn. and notifica\$	"6553369".pn. and alert\$	((disk or array) with monitor\$)	((disk or array) with monitor\$) and ((disk or array) with failure)	((disk or array) with monitor\$) and ((disk or array) with failure) and ((disk or array) with predic\$)	((disk or array) with monitor\$) and ((disk or array) with failure) and ((disk or array) with predic\$) and fuzzy	"20050044451" and (lost with risk)	"20050044451" and (loss with risk)	"20050044451" and (notofication)	"20050044451" and (notafication)	"20050044451" and (notification)	"6314377".pn. and processor	"6314377".pn. and cpu
0	0	2	0	0	42373	2404	298	8	0	1	0	0		0	<b>∺</b>
878	S79	280	581	285	283	584	285	985	287	288	289	290	S91	265	593

S94	П	"6314377".pn. and fuzzy	US-PGPUB; USPAT	SO.	OFF	2006/12/05 12:45
295	0	"6314377".pn. and rule	US-PGPUB; USPAT	S S	NO	2006/12/05 12:45
96S	0	"6553369".pn. and fuzzy	US-PGPUB; USPAT	OR	NO	2006/12/05 12:45
297	0	"6553369".pn. and rule	US-PGPUB; USPAT	S S	N O	2006/12/05 12:47
865	0	"6446081".pn. and fuzzy	US-PGPUB; USPAT	S.	NO	2006/12/05 12:47
665	₩.	"6446081".pn. and rule	US-PGPUB; USPAT	OR	N O	2006/12/05 12:47
S10 0	0	"4907230".pn. and fuzzy	US-PGPUB; USPAT	S.	N O	2006/12/05 12:49
S10 1	260	@pd<"20030820" and (((add or adding or addition or additional) with fuzzy) with rule)	US-PGPUB; USPAT	OR	NO	2006/12/05 12:51
S10 2	e e	@pd<"20030820" and (((add or adding or addition or additional) with fuzzy) with rule) and (data with risk) and cost	US-PGPUB; USPAT	OR.	N O	2006/12/05 13:09
S10 3	0	<pre>@pd&lt;"20030820" and ((data with risk) with failure) and (( remedial with cost) with failure )</pre>	US-PGPUB; USPAT	8 S	NO .	2006/12/05 13:11
S10 4	0	<pre>@pd&lt;"20030820" and ((data with risk) with failure) and (( remedy with cost) with failure )</pre>	US-PGPUB; USPAT	S.	N <sub>O</sub>	2006/12/05 13:11
S10 5	2	<pre>@pd&lt;"20030820" and ((data with risk) with failure) and (( repair with cost) with failure )</pre>	US-PGPUB; USPAT	& S	No	2006/12/05 13:12
S10 6	<b>—</b>	"20050044451" and (less with four)	US-PGPUB; USPAT	N	OFF	2006/12/05 15:18
S10 7	<b>~</b>	"20050044451" and (less with three)	US-PGPUB; USPAT	R	OFF	2006/12/05 15:23
S10 ·	·—	"20050044451" and (adjusting with "fuzzy variable" )	US-PGPUB; USPAT	8	OFF	2006/12/05 15:24
S10 9	1	"20050078869" and facial	US-PGPUB; USPAT	S.	NO	2006/12/06 09:36

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	USPAT OR ON 2006/12/06 09:36	USPAT OR ON 2006/12/06 13:00	r USPAT OR ON 2006/12/06 13:06	USPAT OR ON 2006/12/06 13:37	USPAT OR 0N 2006/12/06 13:37	USPAT OR ON 2006/12/06 13:38	USPAT OR ON 2006/12/06 13:39	USPAT OR 0N 2006/12/06 13:39	USPAT OR 0N 2006/12/06 13:40	USPAT OR 2006/12/06 13:39	USPAT OR 0N 2006/12/06 13:39	USPAT OR ON 2006/12/06 13:39	USPAT OR ON 2006/12/06 13:41	USPAT OR ON 2006/12/06 13:41	USPAT OR ON 2006/12/06 13:41.	
	"20050078869" and (image with recognition)	@pd<"20030820" and (failure with (prediction or identify)) and "code generator"	((disk or array) with monitor\$) and ((disk or array) with failure) and ((disk or array) with predic\$)	@pd<"20030803" and S112	"706".clas. and ((disk or storage) with failure)	"714".clas. and ((disk or storage) with failure)	706/3.ccls. and ((disk or storage) with failure)	706/3.ccls. and ((disk or storage) )	706/17.ccls. and ((disk or storage) with failure)	706/18.ccls. and ((disk or storage) with failure)	706/18.ccls. and ((disk or storage) )	706/17.ccls. and ((disk or storage) )	714/1.ccls. and ((disk or storage) with failure)	714/25.ccls. and ((disk or storage) with failure)	S123 or S122 or S121 or S120 or S117	
į	1	46	298	153	75	3689	0	15	0	0	35	37	73	107	264	•
	S11 0 ·	S11 1	S11 2	S11 3	S11 4	S11 5	S11 6	S11 7	S11 8	S11 9	S12 0	S12 1	S12 2	S12 3	S12 4	,

# **EAST Search History**

S12 6	П.	"20050044451" and (adjusting with variable)	US-PGPUB; USPAT	OR	OFF	2007/04/10 14:42
\$12 7	П	"20050044451" and (adjusting same variable)	US-PGPUB; USPAT	OR.	OFF	2007/04/10 14:44
S12 8		"20050044451" and (adjusting )	US-PGPUB; USPAT	S S	OFF	2007/04/10 14:45
S12 9	<b>H</b>	"6314377".pn.	US-PGPUB; USPAT	S S	OFF	2007/04/10 14:47
S13 0	<del>-</del>	"6314377".pn. and fail\$	US-PGPUB; USPAT	OR.	OFF	2007/04/10 14:47
S13 1	H	"6314377".pn. and (fail\$ same drive)	US-PGPUB; USPAT	OR .	OFF	2007/04/10 15:08
S13 2·	0	"6314377".pn. and (fail\$ same fuzzy)	US-PGPUB; USPAT	S.	OFF	2007/04/10 15:08
S13 3	<b>H</b>	"20050044451" and "natural language"	US-PGPUB; USPAT	OR	OFF	2007/05/31 09:17
S13 4	0	"20050044451" and ("user input" with response)	US-PGPUB; USPAT	OR R	OFF	2007/05/30 14:30
S13 5	Ħ	"20050044451" and ("user input" )	US-PGPUB; USPAT	S.	OFF	2007/05/30 14:39
S13 6	Ħ	"20050044451" and "storage system"	US-PGPUB; USPAT	& S	OFF	2007/05/30 14:40
S13 7	803	@pd<"20030820" and (failure with prediction)	US-PGPUB; USPAT	S.	8	2007/05/30 14:41
S13 8	59	@pd<"20030820" and (failure with prediction) and fuzzy and test	US-PGPUB; USPAT	S.	NO	2007/05/30 14:42
S13 9	41	@pd<"20030820" and (failure with prediction) and fuzzy	US-PGPUB; USPAT	8	NO O	2007/05/30 14:46
S14 0	7 .	<pre>@pd&lt;"20030820" and (failure with prediction) and fuzzy and (failure with (disk or storage or tape))</pre>	US-PGPUB; USPAT	8	8	2007/05/30 14:44
S14 1	16	<pre>@pd&lt;"20030820" and (failure with prediction) and fuzzy and (user with interface)</pre>	US-PGPUB; USPAT	OR	NO	2007/05/30 15:58

S14	84	@pd<"20030820" and (failure with disk) and fuzzy	US-PGPUB; USPAT	æ	NO	2007/05/30 15:36
- S14 3	18	@pd<"20030820" and (failure with disk) and fuzzy and disk.ab.	US-PGPUB; USPAT	OR	NO	2007/05/30 15:50
S14 4	Ŋ	hard and "disk/diskette"	IBM_TDB	&	NO	2007/05/30 15:57
S14 5		@pd<"20030820" and (failure with prediction) and fuzzy and (user with interface)	DERWENT	OR	N O	2007/05/30 15:58
S14 6	0	"6571310".pn. and (failure with prediction) and fuzzy and (user with interface)	US-PGPUB; USPAT	OR.	NO	2007/05/30 15:59
S14 7	0	"6571310".pn. and (failure with prediction) and fuzzy	US-PGPUB; USPAT	S.	NO	2007/05/30 15:59
S14 8	0	"6571310".pn. and (failure with prediction)	US-PGPUB; USPAT	S.	NO	2007/05/30 16:00
S14 9	0	"6571310".pn. and (failure same prediction)	US-PGPUB; USPAT	OR.	N O	2007/05/30 16:00
S15 0	0	"6571310".pn. and (prediction)	US-PGPUB; USPAT	. S.	NO	2007/05/31 09:20
S15 1	<b>H</b>	"6571310".pn. and (failure )	US-PGPUB; USPAT	S.	NO	2007/05/30 16:07
S15 2	<b>+</b>	"6574754".pn.	US-PGPUB; USPAT	ه	N O	2007/05/30 16:08
S15 3	20758	"6574754".pn. aand fuzzy	US-PGPUB; USPAT	8	NO	2007/05/30 16:08
.S15	0	"6574754".pn. and fuzzy	US-PGPUB; USPAT	8	8	2007/05/31 10:10
S15 5	<del>-1</del>	"6574754" pn. and interface	US-PGPUB; USPAT	SO.	N O	2007/05/30 16:08
S15 6		"6314377".pn.	US-PGPUB; USPAT	8	OFF	2007/05/31 10:01
S15 7	1	"6571310".pn. and fuzzy	US-PGPUB; USPAT	OR	N O	2007/05/31 09:43

# **EAST Search History**

S15 8	H	"20050044451" and natural	US-PGPUB; USPAT	OR	OFF	2007/05/31 09:54
S15 9	<del>, - 1</del>	"6571310".pn. and failure	US-PGPUB; USPAT	&	NO	2007/05/31 09:44
S16 0	<b>H</b>	"6571310".pn. and (failure with predict)	US-PGPUB; USPAT	& S	NO	2007/05/31 09:49
S16 1	0	"6571310".pn. and micro\$	US-PGPUB; USPAT	S.	NO	2007/05/31 09:49
S16 2	0	"6571310".pn. and code	US-PGPUB; USPAT	OR.	NO	2007/05/31 09:49
S16 3	0	"6571310".pn. and assemble	US-PGPUB; USPAT	Q.	No.	2007/05/31 09:59
S16 4	-	"20050044451" and "machine readable"	US-PGPUB; USPAT	S S	OFF	2007/05/31 09:55
S16 5	-	"6571310".pn. and test	US-PGPUB; USPAT	S.	NO .	2007/05/31 10:00
S16 6	<b>—</b>	"6571310".pn. and test\$	US-PGPUB; USPAT	S.	NO	2007/05/31 10:01
S16 7	0	"6314377".pn. and text\$	US-PGPUB; USPAT	8	OFF	2007/05/31 10:01
S16 8	0	"6314377".pn. and test\$	US-PGPUB; USPAT	OR	NO	2007/05/31 10:01
S16 9	0	"6571310".pn. and train	US-PGPUB; USPAT	S.	NO	2007/05/31 10:01
S17 0	0	"6571310".pn. and train\$	US-PGPUB; USPAT	S.	NO	2007/05/31 10:01
S17 1	0	"6571310".pn. and train\$	US-PGPUB; USPAT	SO.	NO	2007/05/31 10:41
S17 2	3674	@pd<"20030820" and (predict\$ with failure)	US-PGPUB; USPAT	OR	NO	2007/05/31 10:04
S17 3	154	<pre>@pd&lt;"20030820" and ((predict\$ with failure) with (disk or drive))</pre>	US-PGPUB; USPAT	. O.	NO .	2007/05/31 10:04

# **EAST Search History**

	<pre>@pd&lt;"20030820" and ((predict\$ with failure) with (disk or drive)) and model</pre>	US-PGPUB; USPAT	OR	NO .	2007/05/31 10:51
"6574754".pn. and neural	. and neural	US-PGPUB; USPAT		NO	2007/05/31 10:10
'6571310".p	'6571310".pn. and eval\$	US-PGPUB; USPAT	S S	NO	2007/05/31 10:50
'6571310".pn. and user	n. and user	US-PGPUB; USPAT	8	NO	2007/05/31 10:50
S174 and fuzzy	AZZ	US-PGPUB; USPAT	8 S	NO	2007/05/31 10:57
"5737519".pn. and test	n. and test	US-PGPUB; USPAT	8	NO 1	2007/05/31 10:57
'5737519".pn. and dpi	on. and dpi	US-PGPUB; USPAT	OR.	N O	2007/05/31 10:58
'5737519".	5737519".pn. and dbi	US-PGPUB; USPAT	æ	NO	2007/05/31 10:58
'5737519".	5737519".pn. and model	US-PGPUB; USPAT	& S	N O	2007/05/31 10:58
'20050044	"20050044451" and voice	US-PGPUB; USPAT	S S	OFF	2007/05/31 15:34
'20050044	'20050044451" and voice\$	US-PGPUB; USPAT	S.	OFF	2007/05/31 15:35
'20050044	"20050044451" and spoken	US-PGPUB; USPAT	S S	OFF	2007/05/31 15:35
'20050044	'20050044451" and verball\$	US-PGPUB; USPAT	& S	OFF	2007/05/31 15:45
'20050044	'20050044451" and (adjusting with "fuzzy variable" )	US-PGPUB; USPAT	<u>۾</u>	OFF	2007/05/31 15:47
'20050044	"20050044451" and ("fuzzy variable" )	US-PGPUB; USPAT		OFF	2007/05/31 15:47
2005004	"20050044451" and ("fuzzy logic" with "logic rules")	US-PGPUB; USPAT	OR	OFF	2007/06/05 09:52

# **EAST Search History**

2007/06/05 09:52	2007/06/05 09:52	2007/06/05 09:53	2007/06/05 12:28	2007/06/05 12:29	2007/06/05 12:29	2007/06/05 12:31	2007/06/05 12:31	2007/06/05 12:31	2007/06/05 12:32	2007/06/05 12:32	2007/06/05 12:33	2007/06/05 12:33	2007/06/05 12:35	2007/06/05 12:35	2007/06/05 12:36
OFF	OFF	OFF	NO	NO	N <sup>O</sup>	NO	NO	NO	, NO	N O	NO	NO .	NO	N O	NO
S S	OR	SO.	S.	8	OR OR	OR S	SO.	SO.	SO.	S.	OR.	S S	OR	OR .	OR
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
"6219805".pn. and adjust\$	"6219805".pn. and alter\$	"6219805".pn. and modif\$	<ul><li>@pd&lt;"20030820" and (addition with rule) and test and failure and predication and disk</li></ul>	<ul> <li>@pd&lt;"20030820" and (addition with rule) and test and failure and prediction and disk</li> </ul>	©pd<"20030820" and (storage with array) and software and "fuzzy rule" and "neural networks"	©pd<"20030820" and (HUMAN WITH READABLE) and variable and defination and (linguistic and variable)	©pd<"20030820" and (HUMAN WITH READABLE) and variable and defination	©pd<"20030820" and (HUMAN WITH READABLE) and variable	©pd<"20030820" and (HUMAN WITH READABLE) and variable and (linguistic and variable)	8   @pd<"20030820" and processor and computer and "code generator" and training and modify and adapter	©pd<"20030820" and (data with gather) and input and performance and monitoring and learning	©pd<"20030820" and (data with gather) and input and performance and monitoring and learning and memory and "text editor"	@pd<"20030820" and recommendation and alert and (loss with risk) and notification	702/56.ccls. and @pd<"20030820"	4 702/56.ccls. and @pd<"20030820" and (predict\$ same failure)
0	Ħ	H		44	2	0	0	2710	85	. 28	205	12	137	310	24
S19 0	S19 1	S19 2	S19 3	S19 4	S19 5	S19 6	S19 7	S19 8	S19 9	S20 0	S20 1	S20 2	S20 3	S20 4	S20 5

:36	:36	:37	:37	:37	:38	:38	:38	:41	:25	:54	:25	:26	:54	:05	90:
,/05 12	/05 12	/05 12	,/05 12	,/05 12	6/05 12	6/05 12	,/05 12	6/05 12	./16 09	./16 11	/16 09	/16 09	1/16 11	1/16 13	1/16 13
2007/06/05 12:36	2007/06/05 12:36	2007/06/05 12:37	2007/06/05 12:37	2007/06/05 12:37	2007/06/05 12:38	2007/06/05 12:38	2007/06/05 12:38	2007/06/05 12:41	2008/01/16 09:25	2008/01/16 11:54	2008/01/16 09:25	2008/01/16 09:26	2008/01/16 11:54	2008/01/16 13:05	2008/01/16 13:06
									<u> </u>			<u> </u>			
Ö	NO	Ö	<u>8</u>	Ö	Ö	8 O	ő	8	O F	OFF	OFF	OFF	OFF	OFF	OFF
R R	S.	OR	S S	8 R	S	S S	SK SK	8	S.	S.	8	SR S	AS.	8 R	SR
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
ure)					re)		ure)								
and (predict\$ same failure)				·	and (predict\$ same failure)		714/38.ccls. and @pd<"20030820" and (predict\$ same failure)					•			
dict\$ sa					ict\$ sar		dict\$ sa			· (e)	ve)				
nd (pre		E			d (pred		յժ (pre			"20050044451" and stor\$ and (carier or wave)	"20050044451" and stor\$ and (carrier or wave)				"20050044451" and (generating with failure)
_	320"	30820	0820"	50"		820"	820" ar			(carier	(carrie	(signal			g with
200308	200308	ı<"200	."2003(	00308	00308	200308	20030	r S205	₩	\$ and	\$ and	\$ and	nal)	put	neratin
">bd@	">bd@	nd @pr	>pd@	)pd<"2	)pd<"2	">bd@	">bd@	5207 oı	nd stor	nd stor	nd stor	nd stor	nd (sig	nd out	nd (ge
s. and (	s. and (	ccls. aı	ds. and	and @	and @	s. and	s. and	111 or 9	451" a	451" a	451" a	451" a	451" a	451" a	451" a
702/47.ccls. and @pd<"20030820	702/47.ccls. and @pd<"20030820"	707/104.1.ccls. and @pd<"20030820"	707/104.ccls. and @pd<"20030820"	707/3.ccls. and @pd<"20030820"	707/3.ccls. and @pd<"20030820"	714/38.ccls. and @pd<"20030820"	/38.ccl	S213 or S211 or S207 or S205	"20050044451" and stor\$	050044	050044	"20050044451" and stor\$ and (signal)	"20050044451" and (signal)	"20050044451" and output	050044
2	157	2521	0	2974	2	808	16	199	਼ਜ	0	0 .	H	<b>H</b>	H	1
								<del></del>							
S20 6	S20 7	S20 8	S20 9	S21 0	S21 1	S21 2	S21 3	S21 4	S21 5	S21 6	S21 7	S21 8	S21 9	\$22 0	\$22 1

522         1         "2005004451" and "code generator"         US-PGPUB;         OR         OFF         2008/01/17 15:12:13           523         4245         @pd<"20030820" and (fuzzy with logic) and (interface with (modifs or edits)         US-PGFUB;         OR         ON         2008/01/17 12:12:13           522         337         @pd<"20030820" and (fuzzy with logic) and (interface with (modifs or edits)         US-PGFUB;         OR         2008/01/17 12:12:13           523         108         @pd<"20030820" and (fuzzy with logic) and (interface with (modifs or edits)         US-PGFUB;         OR         2008/01/17 12:12           524         108         @pd<"20030820" and (fuzzy with logic) and (interface with (modifs or edits)         US-PGFUB;         OR         2008/01/17 12:12           525         100         \$225 not \$526         US-PGFUB;         OR         2008/01/17 12:12           526         100         \$225 not \$526         US-PGFUB;         OR         2008/01/17 12:12           527         100         \$225 not \$526         US-PGFUB;         OR         ON         2008/01/17 12:12           528         100         \$225 not \$526         US-PGFUB;         OR         ON         \$2008/01/17 13:12           529         10         \$225 not \$526         US-PGFUB;         OR							
4245         @pd<-"20030820" and (fuzzy with logic)	\$22 2	П	"20050044451" and "code generator"	US-PGPUB; USPAT	g K	OFF	2008/01/17 15:13
337         @pd<"20030820" and (fuzzy with logic) and (interface with (modifs or edits)	S22 3	4245		US-PGPUB; USPAT	OR S	NO	2008/01/17 12:05
108 @pd<"20030820" and (fuzzy with logic) and (interface with (modifs or edits) or adjust\$)) and ((variable or threshold) with (modifs or edits or adjust\$)) and fuzzy and ((variable or threshold) with (modifs or edits or adjust\$)) and fuzzy.ab.  100 \$225 not \$526  32 ((adjusting with fuzzy) with variable) US-PGPUB; OR 0 @pd<"20030820" and ((adjusting with fuzzy) with variable) 0 @pd<"20030820" and ((interface with editor) with (failure with prediction)) US-PGPUB; OR 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) US-PGPUB; OR 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) US-PGPUB; OR 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) US-PGPUB; OR 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) US-PGPUB; OR 0 @pd<"20030820" and ((modify\$ with editor) and (failure with prediction)) US-PGPUB; OR 0 @pd<"20030820" and ((modify\$ with editor) and (failure with prediction)) US-PGPUB; OR 0 @pd<"20030820" and ((modify\$ with editor) with algorithm) US-PGPUB; OR 0 US-	S22 4	337	<pre>@pd&lt;"20030820" and (fuzzy with logic) and (interface with (modif\$ or edit\$ or adjust\$))</pre>	US-PGPUB; USPAT	S,	NO	2008/01/17 12:06
8 (adjusting with fuzzy and (fuzzy with logic) and (interface with (modif\$ or edit\$ or adjust\$)) 100 5225 not 5226 100 5225 not 5226 100 5225 not 5226 100 6225 not 5226 100 69d <li>(adjusting with fuzzy) with variable) 101 0.5-PGPUB; OR ON US-PGPUB; OR US-PGPUB; OR</li>	S22 5	108	@pd<"20030820" and (fuzzy with logic) and (interface with (modif\$ or edit\$ or adjust\$)) and ((variable or threshold) with (modif\$ or edit\$ or adjust\$))	US-PGPUB; USPAT	OR.	NO .	2008/01/17 12:07
100 S225 not S226  100 US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; OR US-PGPUB; O	S22 6	∞	@pd<"20030820" and (fuzzy with logic) and (interface with (modif\$ or edit\$ or adjust\$)) and ((variable or threshold) with (modif\$ or edit\$ or adjust\$)) and fuzzy.ab.	US-PGPUB; USPAT	S.	NO	2008/01/17 12:27
(adjusting with fuzzy) with variable)  21  (@pd<"20030820" and ((adjusting with fuzzy) with variable)  22  (@pd<"20030820" and ((interface with editor) with (failure with prediction))  23  (@pd<"20030820" and ((interface with editor) same (failure with prediction))  24  (@pd<"20030820" and ((interface with editor) and (failure with prediction))  25  (@pd<"20030820" and ((interface with editor) and (failure with prediction))  26  (@pd<"20030820" and ((modify\$ with editor) and (failure with threshold))  27  (@pd<"20030820" and ((modify\$ with editor) and (quality with threshold))  28  (@pd<"20030820" and ((modify\$ with editor) with threshold))  29  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  20  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  21  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  22  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  23  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  24  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  25  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  26  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  27  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  28  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  29  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  20  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  21  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  22  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  24  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  25  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  26  (@pd<"20030820" and ((modify\$ with prediction) with algorithm)  27  (@pd<"20030820" and ((modify\$ wi	S22 7	100	S225 not S226	US-PGPUB; USPAT	. O.	NO	2008/01/17 12:33
0 @pd<"20030820" and ((adjusting with fuzzy) with variable) 0 @pd<"20030820" and ((interface with editor) with (failure with prediction)) 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) 0 @pd<"20030820" and ((interface with editor) and (quality with threshold)) 0 @pd<"20030820" and ((interface with editor) with threshold) 0 US-PGPUB; OR ON US-PGPUB; 0 @pd<"20030820" and ((interface with prediction) with algorithm) 0 US-PGPUB; OR ON US-PGPUB; 0 @pd<"20030820" and ((interface with editor) with algorithm) 0 US-PGPUB; OR ON US-PGPUB; 0 @pd<"20030820" and ((interface with editor) with algorithm) 0 US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; 0 US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; OR US-PGP	S22 8	32	((adjusting with fuzzy) with variable)	US-PGPUB; USPAT	S.	NO	2008/01/17 12:34
<ul> <li>©pd&lt;"20030820" and ((interface with editor) with (failure with prediction))</li> <li>©pd&lt;"20030820" and ((interface with editor) same (failure with prediction))</li> <li>US-PGPUB; OR ON USPAT</li> <li>©pd&lt;"20030820" and ((interface with editor) and (failure with prediction))</li> <li>©pd&lt;"20030820" and ((modify\$ with editor) and (quality with threshold))</li> <li>US-PGPUB; OR ON USPAT</li> <li>©pd&lt;"20030820" and ((modify\$ with editor) with threshold)</li> <li>US-PGPUB; OR ON USPAT</li> <li>©pd&lt;"20030820" and ((modify\$ with editor) with threshold)</li> <li>US-PGPUB; OR ON USPAT</li> <li>US-PGPUB; OR ON USPAT</li> </ul>	S22 9	21	-	US-PGPUB; USPAT	OR	NO	2008/01/17 13:33
0 @pd<"20030820" and ((interface with editor) same (failure with prediction)) USPAT USPAT USPAT 0 @pd<"20030820" and ((interface with editor) and (failure with prediction)) USPAT 0 @pd<"20030820" and ((modify\$ with editor) and (quality with threshold)) USPAT 2 @pd<"20030820" and ((modify\$ with editor) with threshold) USPAT 2 @pd<"20030820" and ((modify\$ with prediction) with algorithm) USPAT 0 USPAT	S23 0	0	@pd<"20030820" and ((interface with editor) with (failure with prediction))	US-PGPUB; USPAT	OR.	NO	2008/01/17 13:34
8 @pd<"20030820" and ((interface with editor) and (failure with prediction)) USPAT 9 @pd<"20030820" and ((modify\$ with editor) and (quality with threshold)) 0 @pd<"20030820" and ((modify\$ with editor) with threshold)) 2 @pd<"20030820" and ((modify\$ with editor) with threshold) 13 @pd<"20030820" and ((modify\$ with prediction) with algorithm) USPAT USPAT USPAT USPAT USPAT USPAT	S23 1	0	@pd<"20030820" and ((interface with editor) same (failure with prediction))	US-PGPUB; USPAT	OR S	NO	2008/01/17 13:34
<ul> <li>@pd&lt;"20030820" and ((modify\$ with editor) and (failure with prediction))</li> <li>@pd&lt;"20030820" and ((modify\$ with editor) and (quality with threshold))</li> <li>@pd&lt;"20030820" and ((modify\$ with editor) with threshold)</li> <li>@pd&lt;"20030820" and ((modify\$ with prediction) with algorithm)</li> <li>US-PGPUB;</li> <li>OR</li> <li>ON</li> <li>US-PGPUB;</li> <li>OR</li> <li>ON</li> <li>US-PGPUB;</li> <li>OR</li> <li>ON</li> <li>USPAT</li> </ul>	S23 2	∞	@pd<"20030820" and ((interface with editor) and (failure with prediction))	US-PGPUB; USPAT		N O	2008/01/17 13:40
0 @pd<"20030820" and ((modify\$ with editor) and (quality with threshold)) US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; OR ON US-PGPUB; OR US-PGPUB;	S23 3	თ	@pd<"20030820" and ((modify\$ with editor) and (failure with prediction))	US-PGPUB; USPAT	S.	No.	2008/01/17 14:26
2 @pd<"20030820" and ((modify\$ with editor) with threshold) US-PGPUB; OR ON USPAT  USPAT  USPAT  USPAT	S23 4	0	@pd<"20030820" and ((modify\$ with editor) and (quality with threshold))	US-PGPUB; USPAT	8.	NO	2008/01/17 14:27
13 @pd<"20030820" and ((modify\$ with prediction) with algorithm) US-PGPUB; OR ON USPAT	S23 5	Ċ	@pd<"20030820" and ((modify\$ with editor) with threshold)	US-PGPUB; USPAT	S.	NO	2008/01/17 14:29
	S23 6	13	@pd<"20030820" and ((modify\$ with prediction) with algorithm)	US-PGPUB; USPAT	OR	N O	2008/01/17 14:37

14:38	14:38	15:13	08:16	08:28	08:28	08:28	08:30	08:30	06:30	09:31	09:40	10:34	10:34
2008/01/17 14:38	2008/01/17 14:38	2008/01/17 15:13	2008/01/18 08:16	2008/01/18 08:28	2008/01/18 08:28	2008/01/18 08:28	2008/01/18 08:30	2008/01/18 08:30	2008/01/18 09:30	2008/01/18 09:31	2008/01/18 09:40	2008/01/18 10:34	2008/01/18 10:34
NO	NO	OFF	NO	NO	NO	NO	NO	NO	NO O	NO	N O	N O	NO .
OR	OR	OR .	OR	OR.	OR	OR	OR.	OR	OR	OR	OR.	A.	S S
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; OSPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
1 "5832467".pn. and modify\$ and prediction and algorithm	1 "5832467".pn. and modify\$ and prediction and algorithm and interface	1 "20050044451" and "text editor"	1 "5832467".pn.	1 "5832467".pn. and operating	0 "5832467".pn. and head	0 "5832467".pn. and (read with write)	0 "5832467".pn. and (read same write)	0 "5832467".pn. and (read and write)	6 @pd<"20030820" and ("text editor" or "word processor") and fuzzy	6 @pd<"20030820" and ("text editor" or "word processor") and fuzzy and (variable)	<pre>@pd&lt;"20030820" and ("text editor" or "word processor") and fuzzy and (variable with (adjust\$ or modify\$ or alter\$ or tun\$))</pre>	2   @pd<"20030820" and ("text editor" or "word processor") and (fuzzy same (variable with (adjust\$ or modify\$ or alter\$ or tun\$)))	3 @pd<"20030820" and (("text editor" or "word processor") with fuzzy)
				, ,					265	165	33		
S23 7	S23 8	S23 9	S24 0	S24 1	S24 2	S24 3 ·	S24 4	S24 5	S24 6	S24 7	S24 8	S24 9	S25 0